

Design Loads on Structures during Construction

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American Society of Civil Engineers

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PREFACE

The material presented in this publication has been prepared in accordance with recognized engineering principles. This Standard and Commentary should not be used without first securing competent advice with respect to their suitability for any given application. The publication of the material contained herein is not intended as a representation or warranty on the part of the American Society of Civil Engineers, or of any person named herein, that this information is suitable for any general or particular use or promises freedom from infringement of any patent or patents. Anyone making use of this information assumes all liability from such use.

Earlier drafts of this Standard and Commentary were reviewed and balloted several times by the full Standards Committee. The votes and comments returned by the members were reviewed and their proposed resolutions developed by the appropriate subcommittees. The resulting approved changes in the text are included in this volume.

Some of the provisions were adopted from other codes, standards, regulations, and specifications; some reflect prevailing industry design and construction practices; some

grew out of the experiences, practices, and opinions of members of the Committee; and some others were developed through research conducted specifically for this Standard by members of the Committee.

Preparation of a standard for *Design Loads on Structures during Construction* and its outline were originally proposed to ASCE by Robert T. Ratay in 1987, resulting in the first edition of the Standard published in 2002 as *ASCE/SEI 37-02, Design Loads on Structures during Construction*. The Committee, through its subcommittee, has been working on the development of a revision to the Standard to embrace comments, recommendations, and experiences since the original 2002 edition, and to supplement the loading requirements of *ASCE/SEI 7-10, Minimum Design Loads for Buildings and Other Structures*, since the latter does not include requirements for loads during construction. The environmental load provisions of this *ASCE/SEI 37-14* have been aligned with those of *ASCE/SEI 7-10* and adjusted for the duration of the construction period.

Final committee balloting was completed, and public comments solicited and resolved in mid-2014.

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Committee (CSAC) of the American Society of Civil Engineers (ASCE). This 2014 edition was prepared by six subcommittees of the Design Loads on Structures during Construction Standard Committee under the leadership of the following individuals:

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The particularly active long-term participation and valuable contribution of the following members, in addition to the chair, the five subcommittee chairs, and two co-chairs, is acknowledged: James R. Harris, Gilliam S. Harris, Donald Dusenberry, and David W. Johnston.

ASCE acknowledges the work of the Design Loads on Structures during Construction Standard Committee of the

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